

Mathematics Week Rubric

	4	3	2	1
CCSS Math S-ID 1. Represent data with plots on the real number line (dot plots, histograms, and box plots)	Students choose the correct representation for the data they collected in the body dimension ratio activity and the survey activity. Student accurately and precisely plot the data.	Students may not choose the most accurate graphical representation for the data they collected in both activities. Students accurately and precisely plot the data.	Students do not choose the right graphical representation for the data they collected in both activities. Students do not graph their data accurately.	Students do not graph the data they collect from both activities.
CCSS Math S-IC 1. Understand statistics as a process for making inferences about population parameters based on a random sample from that population	Students are able to use statistics to make inferences about the school population in the survey activity. The sample group they tested was large and a completely random sample group.	Students use statistics to make inferences about the school population in the survey activity. The sample group was random, but not very large.	Students use statistics to make inferences about the school population, but their inferences are incorrect. The sample group they tested was random, but very small.	Students do not use statistics to make inferences about the school population. The sample group they tested was not random and very small (ex: they surveyed only their classmates, not other people in the school).
CCSS Math S-IC 4. Use data from a sample survey to estimate a population mean or proportion; develop a margin of error through the use of simulation models for random sampling.	Students use the data they collected in both activities to estimate a population mean and their calculations are accurate.	Students use the data they collected in both activities to estimate a population mean but their calculations are not accurate.	Students do not use the data they collected in both activities to estimate a population mean and instead find the median or mode.	Students do not use the data they collected in both activities to calculate anything.